

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Tushar Prasad, <i>et al.</i>	§	
		§	Group Art Unit: 1743
Serial No.:	10/615,057	§	
		§	Examiner: Yelena G. Gakh
Filed:	July 8, 2003	§	
		§	Confirmation No.: 8027
For:	CHEMICAL SENSOR BASED ON THE OPTICAL	§	
	SUPERPRISM EFFECT IN PHOTONIC	§	
	CRYSTALS	§	

CERTIFICATE OF FILING

Pursuant to 37 C.F.R. §1.8, I hereby certify that this correspondence is being electronically submitted to the U.S. Patent and Trademark Office website, www.uspto.gov, on 4/13/2007.

Edith S. Shek
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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner:

This Supplemental Information Disclosure Statement, including completed Form PTO/SB/08B, comprises a list of pertinent art of which Applicants are aware. Copies of the non-patent literature documents listed on Form PTO/SB/08B are enclosed herewith. This information is supplemental to the Information Disclosure Statements filed in the above-referenced matter on November 17, 2003.

The submission of this Supplemental Information Disclosure Statement and Form PTO/SB/08B is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that a search has been conducted or that no better art exists. The

Applicants reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and that situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. §§ 102 or 103.

The Commissioner is hereby authorized to charge the fee of \$180.00 to Deposit Account No. 50-1515 of Conley Rose, P.C. for the filing of this Supplemental Information Disclosure Statement

Respectfully submitted,

CONLEY ROSE, P.C.

Date: 4-13-07


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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/615,057
Filing Date	July 8, 2003
First Named Inventor	Tushar Prasad
Art Unit	1743
Examiner Name	Yelena G. Gakh
Attorney Docket Number	23001 (1789-11201)

Sheet	1	of	1
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	BERTONE, Jane F., et al., "Thickness Dependence of the Optical Properties of Ordered Silica-Air and Air-Polymer Photonic Crystals," Physical Review Letters, Vol. 83, No. 2, 12 July 1999, The American Physical Society, pp. 300-303.	
	AB	JIANG, P., et al., "Template-Directed Preparation of Macroporous Polymers with Oriented and Crystalline Arrays of Voids," Journal of the American Chemical Society, Vol. 121, 1999, American Chemical Society, pp. 11630-11637.	
	AC	JIANG, Peng, et al., "The Fabrication and Bandgap Engineering of Photonic Multilayers," Communications: Advanced Materials, October 5, 2000, 5 pages.	
	AD	JIANG, Peng, et al., "A Lost-Wax Approach to Monodisperse Colloids and Their Crystals," Reports, Science, Vol. 291, 19 January 2001, pp. 453-457.	
	AE	MITTELMAN, Daniel M., et al., "Optical properties of planar colloidal crystals: Dynamical diffraction and the scalar wave approximation," Journal of Chemical Physics, Vol. 111, No. 1, 1 July 1999, American Institute of Physics, pp. 345-354.	
	AF	PRASAD, Tushar et al., "Superprism phenomenon in three-dimensional macroporous polymer photonic crystals," Physical Review B, Vol. 67, 2003, The American Physical Society, pp. 165103-1 - 165103-7.	
	AG	RENGARAJAN, Rajesh, et al., "Optical properties of a photonic crystal of hollow spherical shells," Applied Physics Letters, Vol. 77, No. 22, 27 November 2000, American Institute of Physics, pp. 3517-3519.	
	AH	RENGARAJAN, Rajesh, et al., "Colloidal photonic superlattices," Physical Review B, Vol. 64, 2001, The American Physical Society, pp. 205103-1 - 205103-4.	
	AI	SERBIN, Jesper, et al., "Superprism phenomena in waveguide-coupled woodpile structures fabricated by two-photon polymerization," Optics Express, Vol. 14, No. 6, 17 April 2006, OSA, pp. 3563-3568.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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